Efficient Zero Copy Transfer of Messages between Nodes in a Data Processing System

Abstract of the Disclosure

A system and method are provided which permit the direct transfer of information in message packet format directly from memory locations within one node of a data processing system directly to memory locations in one or more receiving nodes. This function is provided via communications adapters connected to each node and to a switched network to which are also attached nodes possessing likewise configured communications adapters which are capable of responding to a wide variety of message packet transfer protocol and modalities, all of which effect a direct memory to memory transfer without the need to copy data into intermediate buffers.